

## 12. Associated standards and regulations

Construction in accordance with the following safety standards:

EN 61010-1

UL 3101-1

CAN/CSA C22.2(1010-1)

EN 61010-2-10

Construction in accordance with the following EMC standards:

EN 61326-1

Associated EU guidelines:

EMC-guidelines: 89/336/EWG

Instrument guidelines: 73/023/EWG

\* The above standards will be available from July 2011.

## 13. Technical data

Voltage [VAC]	100-120/200-240
Frequency [Hz]	50/60
Power [W]	1050(hotplate model) 50
Stirring point position quantity	1
Max. stirring quantity (H <sub>2</sub> O) [L]	20
Max. magnetic bar [mm]	80 × 10
Motor type	Brushless motor
Max. power input of motor [W]	18
Max. power output of motor [W]	10
Speed range[rpm]	100-1500
Rotary speed display	LCD
Speed display accuracy [rpm]	1
Hotplate material	Glass ceramic
Dimensions of workplate (mm)	184 × 184

Dimensions of heating (mm)	176 × 176
Heating power[W]	1000(hotplate model)
Temperature range [°C]	RT-550 (hotplate model)
Temperature display[°C]	LCD(hotplate model)
Temperature display accuracy [°C]	0.1(hotplate model)
Control accuracy of heating temperature [°C]	1(100°C below)/ ± 1%(100°C above) (hotplate model)
The safety temperature range of the hotplate [°C]	100-580 (hotplate model)
Temperature sensor in medium	PT1000 (hotplate model)
Control accuracy of heating temperature with temperature sensor [°C]	0.2(hotplate model)
Residual heat warning	50°C (hotplate model)
Dimensions (mm)	215 × 360 × 112

Weight [kg]	5.3
Permitted ambient temperature[°C]	5-40
Permitted relative humidity	80%
Protection class acc. to DIN 60529	IP21
RS232 interface	Yes

Table 5